



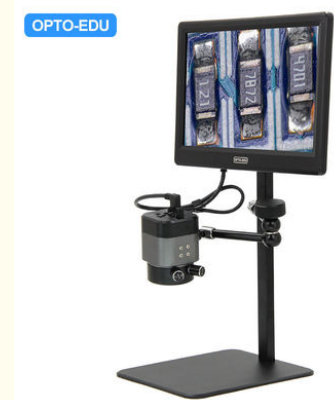
## 3.6x - 39.4x 2.0m Sony Cmos Digital Optical Microscope A36.4970

### Our Product Introduction

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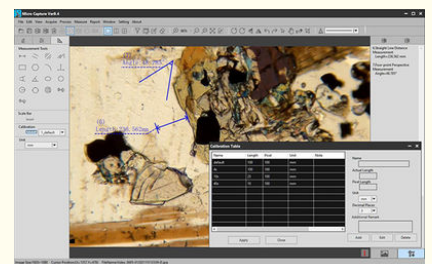
#### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A36.4970
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month



#### Product Specification

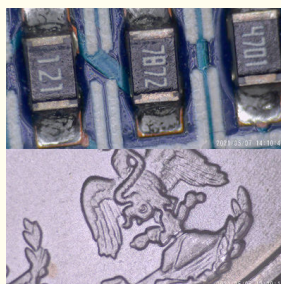
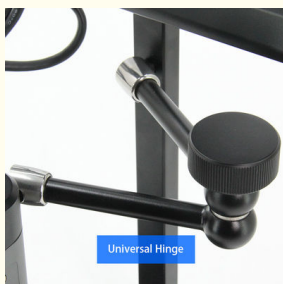
- Manification: 3.6x-39.4x, On 12.5" LCD Monitor
- Resolution: 2.0M
- Sensor: SONY CMOS IMX291
- Max Pixels: 1920x1080 (2,073,600 Pixels)
- Sensor Size: 1/2.8" (6.058mm(H) X 4.415mm(V))
- Pixel Size: 2.9μm X 2.9μm
- Dynamic Range: 128dB
- SNR: 30dB
- Spectral Response: 380~650nm
- Exposure: Real-time Auto, Single Auto, Manual Adjustment
- Highlight: **3.6x digital optical microscope,**  
**2.0m digital optical microscope,**  
**sony cmos digital optical microscope**



#### Software

Professional Multi-Function Image Processing Software  
Support Measure Function On Computer

#### More Images



## Product Description

Features	<p>A34.4970, A36.4970, A36.4971 Series HDMI+USB LCD Digital Microscope, is newly developed in 2021 for industry inspection, mobile repair and etc. work.</p> <p>A34.4970</p> <ul style="list-style-type: none"> <li>--Professional Multi-Function Image Processing Software Support Measure Function On Computer</li> <li>--Unique Design Back Focus Knob On Camera Extends Working Distance To 44 ~ 230mm.</li> <li>--360° Universal Hinge Bracket Design Supports Arbitrary Hovering, Flexible To View Any Angle</li> <li>--Comprehensive Magnification 5.3x~ 39.4x (Based on Actual Measurement On 12.5" LCD Display)</li> <li>--Dual LED Ring Light With Independent Control Switch Both Brightness Adjustable</li> <li>--One Power Cord For All Microscope &amp; LCD Makes Desk Clean And Clear.</li> <li>--Full Metal High Quality Body With Light Weight &amp; Compact Size To Save Desk Space</li> <li>--Control Panel &amp; Remote Control Support Photo, Record, Digital Zoom In/Out, Menu Setting</li> </ul> <p>A36.4970</p> <ul style="list-style-type: none"> <li>--12.5 " Full HD 1080P Display LCD Screen, Plug &amp; Play Design Show Live Image Automatically.</li> <li>--Professional Multi-Function Image Processing Software Support Measure Function On Computer</li> <li>--Unique Design Back Focus Knob On Camera Extends Working Distance To 44 ~ 230mm.</li> <li>--360° Universal Hinge Bracket Design Supports Arbitrary Hovering, Flexible To View Any Angle</li> <li>--Comprehensive Magnification 3.6x~ 39.4x (Based on Actual Measurement On 12.5" LCD Display)</li> <li>--Dual LED Ring Light With Independent Control Switch Both Brightness Adjustable</li> <li>--One Power Cord For All Microscope &amp; LCD Makes Desk Clean And Clear.</li> <li>--Full Metal High Quality Body With Light Weight &amp; Compact Size To Save Desk Space</li> <li>--Control Panel &amp; Remote Control Support Photo, Record, Digital Zoom In/Out, Menu Setting</li> </ul> <p>A36.4971</p> <ul style="list-style-type: none"> <li>--12.5 " Full HD 1080P Display LCD Screen, Plug &amp; Play Design Show Live Image Automatically.</li> <li>--Professional Multi-Function Image Processing Software Support Measure Function On Computer</li> <li>--Unique Design Back Focus Knob On Camera Extends Working Distance To 44 ~ 230mm.</li> <li>--Stainless Pole Stand With Metal Holder, Assure Vertical 180° And Move Up/Down Easily</li> <li>--Comprehensive Magnification 6.0x~ 39.4x (Based on Actual Measurement On 12.5" LCD Display)</li> <li>--Dual LED Ring Light With Independent Control Switch Both Brightness Adjustable</li> <li>--One Power Cord For All Microscope &amp; LCD Makes Desk Clean And Clear.</li> <li>--Full Metal High Quality Body With Light Weight &amp; Compact Size To Save Desk Space</li> <li>--Control Panel &amp; Remote Control Support Photo, Record, Digital Zoom In/Out, Menu Setting</li> </ul>
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## A36.4970

12.5" LCD HDMI+USB Digital Microscope,  
3.6x-39.4x, 2.0M



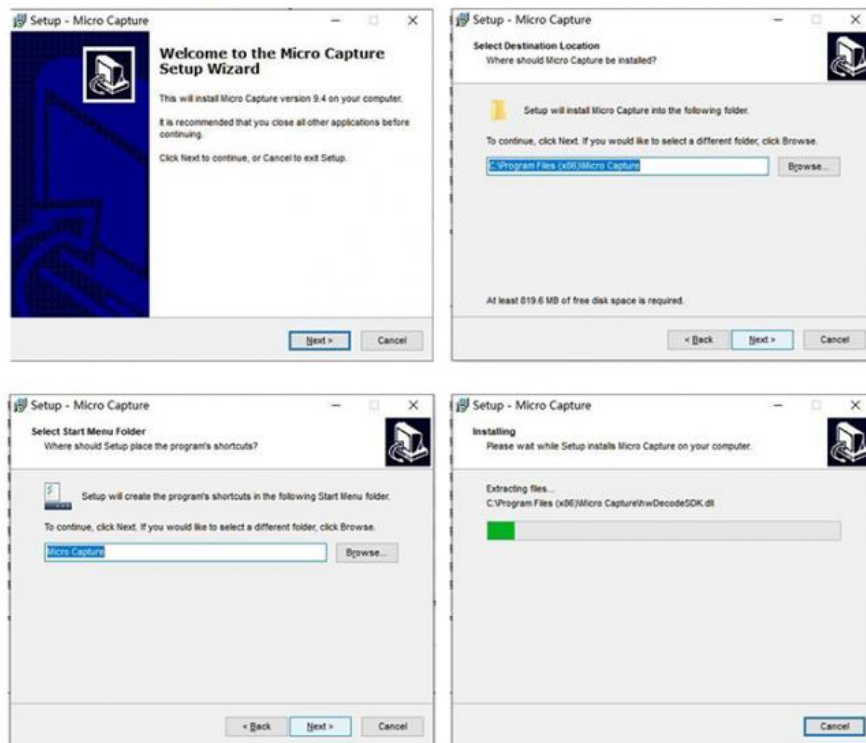
### Product Details





## Software Installation And Application

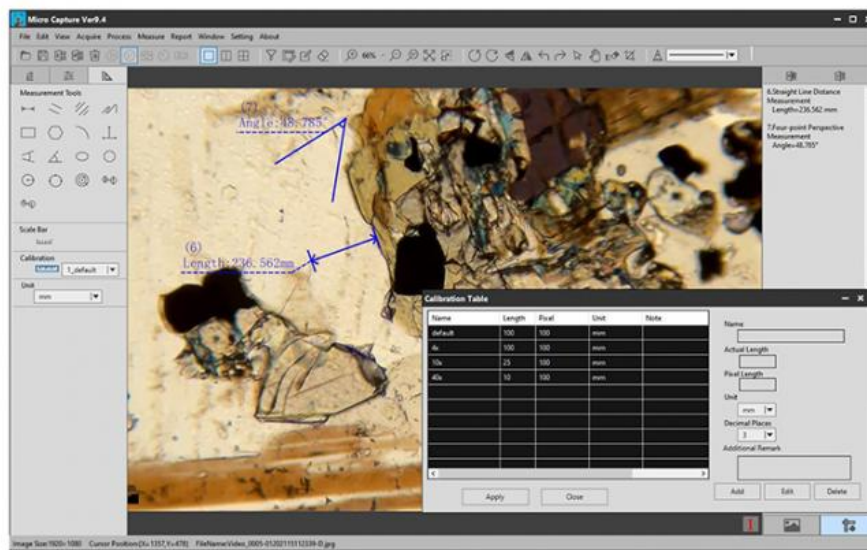
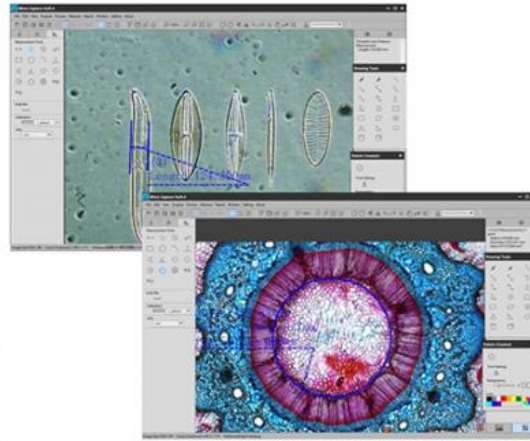
### ◆ Installation Steps



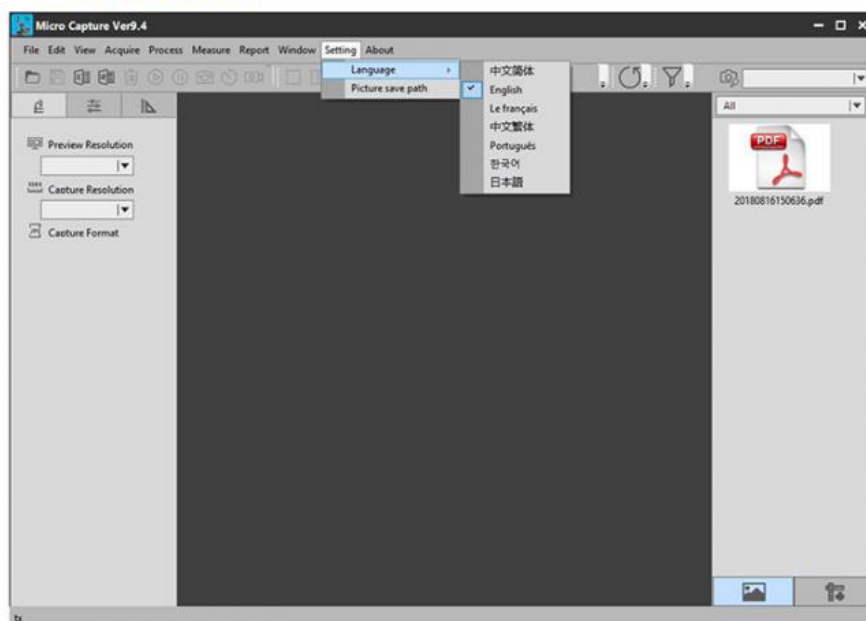




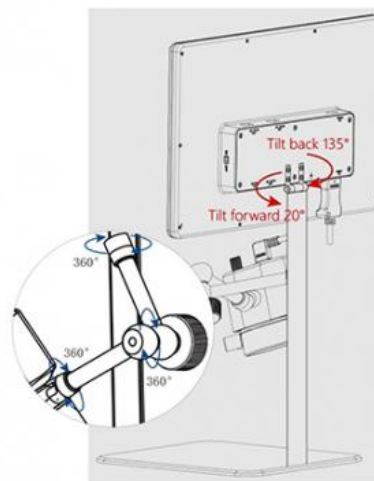
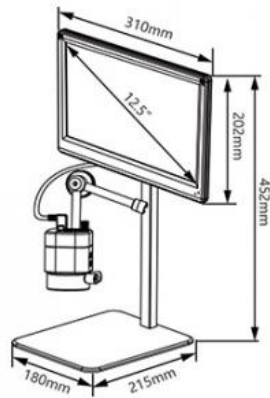
## ◆ Measurement Calibration



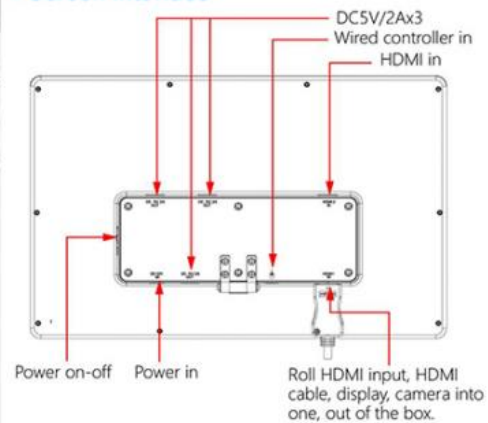
## ◆ Language Selection



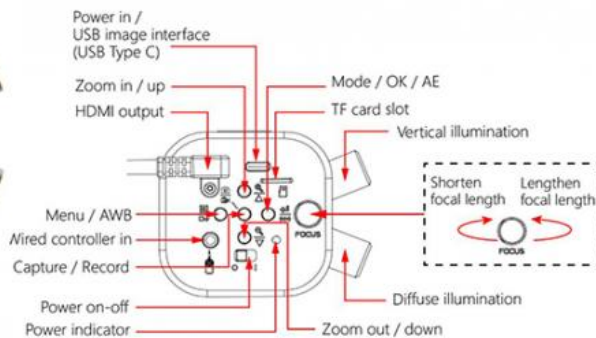
## Product Size & Conformation



### ◆ Screen Interface



### ◆ Camera Button



## Product Specification



Features	<b>A34.4970, A36.4970, A36.4971</b> Series HDMI+USB LCD Digital Microscope, is newly developed in 2021 for industry inspection, mobile repair and etc. work.				
	<b>A34.4970</b> --Professional Multi-Function Image Processing Software Support Measure Function On Computer --Unique Design <b>Back Focus</b> Knob On Camera Extends Working Distance To 44 ~ 230mm. --360° Universal Hinge Bracket Design Supports Arbitrary Hovering, Flexible To View Any Angle --Comprehensive Magnification 5.3x~ 39.4x (Based on Actual Measurement On 12.5" LCD Display) --Dual LED Ring Light With Independent Control Switch Both Brightness Adjustable --One Power Cord For All Microscope & LCD Makes Desk Clean And Clear. --Full Metal High Quality Body With Light Weight & Compact Size To Save Desk Space --Control Panel & Remote Control Support Photo, Record, Digital Zoom In/Out, Menu Setting				
	<b>A36.4970</b> --12.5 " Full HD 1080P Display LCD Screen, Plug & Play Design Show Live Image Automatically. --Professional Multi-Function Image Processing Software Support Measure Function On Computer --Unique Design Back Focus Knob On Camera Extends Working Distance To 44 ~ 230mm. --360° Universal Hinge Bracket Design Supports Arbitrary Hovering, Flexible To View Any Angle --Comprehensive Magnification 3.6x~ 39.4x (Based on Actual Measurement On 12.5" LCD Display) --Dual LED Ring Light With Independent Control Switch Both Brightness Adjustable --One Power Cord For All Microscope & LCD Makes Desk Clean And Clear. --Full Metal High Quality Body With Light Weight & Compact Size To Save Desk Space --Control Panel & Remote Control Support Photo, Record, Digital Zoom In/Out, Menu Setting				
	<b>A36.4971</b> --12.5 " Full HD 1080P Display LCD Screen, Plug & Play Design Show Live Image Automatically. --Professional Multi-Function Image Processing Software Support Measure Function On Computer --Unique Design Back Focus Knob On Camera Extends Working Distance To 44 ~ 230mm. --Stainless Pole Stand With Metal Holder, Assure Vertical 180° And Move Up/Down Easily --Comprehensive Magnification 6.0x~ 39.4x (Based on Actual Measurement On 12.5" LCD Display) --Dual LED Ring Light With Independent Control Switch Both Brightness Adjustable --One Power Cord For All Microscope & LCD Makes Desk Clean And Clear. --Full Metal High Quality Body With Light Weight & Compact Size To Save Desk Space --Control Panel & Remote Control Support Photo, Record, Digital Zoom In/Out, Menu Setting				
	<b>A34.4970, A36.4970 HDMI +USB LCD Digital Microscope</b>				
	Data Output	5G WIFI Output HDMI Output USB Output	- ● ●	- ● ●	- ● ●
	Manification	5.3x-39.4x, On 12.5" LCD Monitor	●		
		3.6x-39.4x, On 12.5" LCD Monitor		●	
		6.0x-39.4x, On 12.5" LCD Monitor			●
	Resolution	2.0M	●	●	●
Sensor	SONY CMOS IMX291	●	●	●	
Max Pixels	1920x1080 (2,073,600 Pixels)	●	●	●	
Sensor Size	1/2.8" (6.058mm(H) x 4.415mm(V))	●	●	●	
Pixel Size	2.9µm x 2.9µm	●	●	●	
Dynamic Range	128dB	●	●	●	
SNR	30dB	●	●	●	
Spectral Response	380~650nm	●	●	●	
Exposure	Real-time Auto, Single Auto, Manual Adjustment	●	●	●	
White Balance	Real-time Automatic, Single Automatic, Manual R/G/B Adjustment	●	●	●	
HDM Port	Output Image Max 1920x1080P, 60fps, Auto-adaptive Display	●	●	●	
USB Type C Port	Support 2 Modes: Power In, Or USB Image Output To Computer	●	●	●	
Storage	TF Card, Max Support 128G	●	●	●	
Remote Control	Support Photo, Record, Digital Zoom In/Out, Menu Setting	○	○	○	
Record Format	Photo 1920x1080 Format JPG	●	●	●	
	Video: 1920X1080P, 60fps1920X1080P30,1280x720P120,1280x720P60 Format MOV				
Power By	DC 5V 900mA, By USB Port DC 12V 3A, By Adapter Connected To LCD Screen	● 	 ●	 ●	
Working Distance	44mm~230mm	●	●	●	
Depth of View	0.8mm~6.5mm	●	●	●	
Field of View	7mmx4mm (At The Highest Magnification 39.4x) to 45.7mmx25.8mm (At The Lowest Magnification 6x)	●	●	●	
Focus	Extra Back Focus Knob, Focus To Clear Image Quickly And Easily In Large Range, Extend Working Distance To 44mm~230mm				
Light Source	Dual LED Ring Light Built-in, Vertical Illumination And Diffuse Illumination Independent Switch, Both Brightness Adjustable				

LCD Screen	Size: 12.5" Full HD 1080p Display Type: a-Si TFT-LCD/IPS/Fog Screen Number of Pixels: 1920x1080 Display Color: 16.7M Panel Brightness: 300 nits Contrast: 800:1 Viewing Angle: Horizontal/Vertical 170° Adjustable	-	•	•
Stand	360° Universal Hinge Bracket Design, Supports Arbitrary Hovering, Flexible And Easy To View Object From Any Angle	•	•	
	Stainless Pole Stand With Metal Holder, Assure Vertical 180° And Move Up/Down Easily			•
	Metal Plate Size 180x215mm, Large Size For Mobile Repair Work	•	•	•

Note: "•" In Table Is Standard Outfits, "◐" Is Optional Accessories "-" Is Unavailable



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